

AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP)



for
**PAVEMENTS AND CONSTRUCTION EQUIPMENT OPERATOR
(3E2X1)**

MODULE 11
AFS SPECIFIC PUBLICATIONS

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Career Field Education and Training Plan (CFETP) references from 1 Apr 97 version.

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Notice. This AFQTP is NOT intended to replace the applicable technical references nor is it intended to replace hands-on training. It is to be used in conjunction with these for training purposes only.

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(3E2X1)

INTRODUCTION

Before starting this AFQTP, refer to and read the “Trainee/Trainer Guide” located on the AFCESA Web site <http://www.afcesa.af.mil/>

AFQTPs are mandatory and must be completed to fulfill task knowledge requirements on core and diamond tasks for upgrade training. *It is important for the trainer and trainee to understand* that an AFQTP does not replace hands-on training, nor will completion of an AFQTP meet the requirement for core task certification. AFQTPs will be used in conjunction with applicable technical references and hands-on training.

AFQTPs and Certification and Testing (CerTest) must be used as minimum upgrade requirements for Diamond tasks.

MANDATORY minimum upgrade requirements:

Core task:

AFQTP completion
Hands-on certification

Diamond task:

AFQTP completion
CerTest completion (80% minimum to pass)

Note: *Trainees will receive hands-on certification training for Diamond Tasks when equipment becomes available either at home station or at a TDY location.*

Put this package to use. Subject matter experts under the direction and guidance of HQ AFCESA/CEOF revised this AFQTP. If you have any recommendations for improving this document, please contact the Career Field Manager at the address below.

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USE TECHNICAL ORDERS/COMMERCIAL MANUALS TO

MODULE 11

AFQTP UNIT 1

PERFORM MAINTENANCE (11.2.2.)

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PERFORM MAINTENANCE

Task Training Guide

STS Reference Number/Title:	11.2.2.
Training References:	<ul style="list-style-type: none"> • Technical Orders • Commercial Manuals
Prerequisites:	<ul style="list-style-type: none"> • Possess as a minimum a 3E231 AFSC.
Equipment/Tools Required:	<ul style="list-style-type: none"> • Standard Publications • Commercial Manuals
Learning Objective:	<ul style="list-style-type: none"> • Trainee shall know how to locate desired information in a technical order. • Trainee shall know how to perform maintenance using a technical order.
Samples of Behavior:	<ul style="list-style-type: none"> • Given a technical order, a trainee should be able to locate any desired information. • Given a technical order, a trainee should be able to perform maintenance
Notes:	
Commercial Manuals should be used along with Technical Orders	

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PERFORM MAINTENANCE

Background: If you personally owned billions of dollars of high-tech equipment and all of this equipment was operated and maintained by thousands of people on a daily basis, you would want to be sure that everybody using your equipment did so in a way that was standard throughout your organization. Additionally, you would want people to follow standard, prescribed procedures with your equipment so that injuries are avoided and equipment is not damaged. So does the Air Force! This is why you should know what Technical Orders (T.O.) are and how to use them. The correct operation and maintenance of Air Force equipment depends on you.

Technical manuals are perhaps the most important types of technical orders to the craftsman or journeyman. They contain the detailed instructions required for the operation, use, maintenance, inspection, installation, and overhaul of equipment. For some miscellaneous equipment, usually shop or ground equipment, it is not practical or economical for the Air Force to publish a technical order. Instead, commercial technical manuals are used and serve the same purpose as an Air Force technical order. Generally, T.O.s are published for all items of equipment managed by the Air Force Materiel Command (AFMC).

Once you have found the publication you want, you are now ready to perform maintenance, operations, and troubleshooting various systems, equipment, or facilities. The table of contents will identify the page(s) for your task. Once you locate the page, you should see step-by-step procedures on maintenance, operations, and troubleshooting for whatever you are doing.

To perform the task, follow these steps:

Step 1: Proceed to your duty section's reference library. It should be located close to the work center to be easily accessible to the craftsman.

Step 2: Use the library index to locate the appropriate T.O, commercial publication, and /or manufacturer's manual pertaining to the piece of equipment you are going to maintain, operate, or troubleshoot.

Step 3: Once you have the appropriate publication, use the table of contents, located in the front of the publication, or the index, often located in the back of the publication, to identify the page(s) relating to your specific task.

Step 4: Turn to the indicated page(s) for the technical information, procedures, part numbers, diagrams, etc. required to correctly complete your task.

Step 5: Complete the assigned task using the information in the publication.

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**Review Questions
for
Perform Maintenance**

Question	Answer
1. Your reference library should be in the work center to make access easier.	a. True b. False
2. Once you locate the TO or commercial publication you then use the library index to determine the appropriate page to turn to.	a. True b. False

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PERFORM MAINTENANCE

Performance Checklist		
Step	Yes	No
1. Can trainee locate Technical Orders within their duty section?		
2. Given a Technical Order, can trainee locate desired information?		
3. Can trainee locate part numbers from assembly diagrams?		

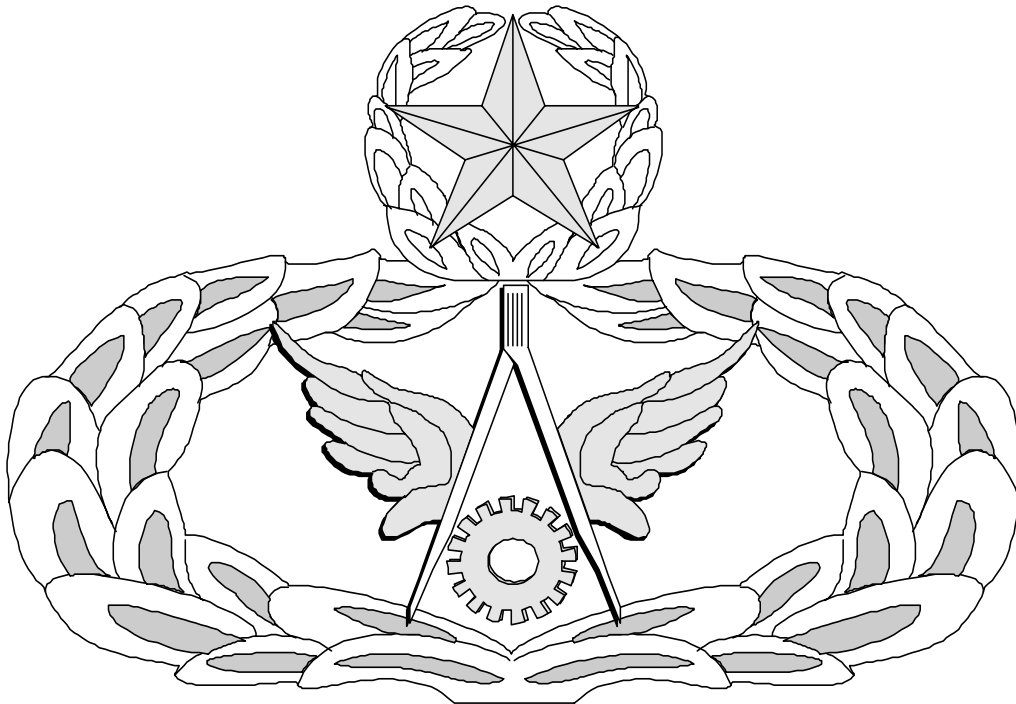
FEEDBACK: Trainer should provide positive and/or negative feedback to the trainee immediately after the task is performed. This will ensure the situation is still fresh in the mind of both the trainee and trainer.

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Air Force Civil Engineer

QUALIFICATION TRAINING PACKAGE (QTP)

REVIEW ANSWER KEY



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Key-1

**Perform Maintenance
(3E2X1-11.2.2.)**

Question	Answer
1. Your reference library should be in the work center to make access easier.	a. True
2. Once you locate the TO or commercial publication you then use the library index to determine the appropriate page to turn to.	a. True

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